

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. APPLN. NO. 10/089,185

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-8 canceled

9. (withdrawn): A thrombin-containing composition comprising thrombin and at least one thrombin stabilizing component selected from surfactant and gelatin in an amount for stabilization of thrombin.

10. (withdrawn): The composition of claim of 9, further comprising at least one component selected from the group consisting of calcium ion, water-soluble organic acid, high-molecular polysaccharide and synthetic polymer.

11. (withdrawn): The composition of claim of 10 wherein the water-soluble organic acid is selected from the group consisting of formic acid, acetic acid, propionic acid, butyric acid, valeric acid, oxalic acid, malonic acid, succinic acid, gluconic acid, lactic acid, glucuronic acid, glycolic acid, tartaric acid, malic acid, citric acid, glutaric acid, aminoacetic acid, and aminocaproic acid.

12. (withdrawn): The composition of claim of 10 wherein the high-molecular polysaccharide is selected from the group consisting of dextran 40, dextran 70, dextran 200,000, dextran 500,000 and Ficol.

13. (withdrawn): The composition of claim of 10 wherein the synthetic polymer is selected from the group consisting of polyvinylalcohol 500, polyvinylalcohol 1500,

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polyvinylalcohol 2000, polyethylene glycol 1500, polyethylene glycol 2000, polyethylene glycol 4000, polyethylene glycol 6000, polyethylene glycol 8000, polyethylene glycol 20000 and polyvinylpyrrolidone.

14. (withdrawn): A reagent comprising the thrombin-containing composition of claim 9.

15. (previously presented): A thrombin-containing composition comprising thrombin, and as a thrombin-stabilizer combination, calcium ion and a water-soluble organic acid, in an amount in combination for stabilization of thrombin.

16. (previously presented): The composition of claim of 15 wherein the water-soluble organic acid is selected from the group consisting of formic acid, acetic acid, propionic acid, butyric acid, valeric acid, oxalic acid, malonic acid, succinic acid, gluconic acid, lactic acid, glucuronic acid, glycolic acid, tartaric acid, malic acid, citric acid, glutaric acid, aminoacetic acid, and aminocaproic acid.

17. (previously presented): A reagent comprising the thrombin-containing composition of claim 15.

18. (withdrawn): A method for stabilizing thrombin which comprises admixing thrombin with a stabilizer composition containing at least one of surfactant and gelatin in a thrombin-stabilization amount.

19. (withdrawn): The method of Claim 18, wherein at least one composition selected from the group consisting of Ca ion, water soluble organic acid, high-molecular polysaccharide and synthetic polymer is added to the thrombin..

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20. (withdrawn): A method for stabilizing thrombin, which comprises admixing thrombin with a stabilizer combination of Ca ion and water-soluble organic acid in a thrombin-stabilization amount.

Cancel claims 21-29